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THE ADDRESS FDR SUESERIPTIDNS，EDITGRIAL MATTER， SCREEN DUMPS，LETTERS，AEUSE，ETC IS：

## C．G．H．SERUICES

## PHDNE：



WE WELCDME ADWERTS FDR INCLUSIDN IN GL ADUENTURERS FロRUM，WHETHER THE SロFTWARE IS DIRECTLY RELATED Tロ THE SUEJECT MATTER DR NDT．

RATES ARE CURRENTL＇ $\mathrm{A}^{\prime}$（IG EG PER PAGE，PRD RATA． SMALL ADS FRDM NDN－CDMMERCIAL SDURCEG FREE ．
WE ARE HAPP＇Tロ NEGDTITATE EXCHANGE ADS $\boldsymbol{~}$ PUELISHERS．

# EDITORIAL 

lelcome to the first printed edition of QL Rdventurers. Forum the fourth in the series so far. This should have reached you before the $2 X$ Microfair, but has been delayed due to factors beyond my control, the main one being that my photocopier blew its bult and the new one mysteriously disappeared in the post together with some toner.

Well what's new? Well the good news for QL Rdventurers is that C.G.H. Services have released Al an Pemberton's "From the Tower of valagon" at the wonderful price of f6.06 cor f4.06 if you supply the necessary media and packaging and postage) which includes a splendid manual. Right that's enough hype for this page. The other good news is that Mert's "The Prawn" should be out by the time you read this, I understand there were delays over getting the Ganual done. Published by Talentt, and vailable from TK Software and most dealers.

More good news on the QL Roduenturing scene is that Steve Sutton has managed to get Digital frecision to publish both Imagine and the APT system. APT is now "Adventure Creation Tool" and is "a oreatly enhanced development of RPT" (DP's words, not steve's). It'll cost yau $£ 49.95$, I' ll see if we can get [1P to give GLRF readers a discount - no promises though!

The other news is none too bright however. It looks as though we may lose the services of several adventure writers due to the lack of return on sates - sa if you've been copying titles that are in print then you've only got yourselves to blame. I don't want to start a rush but the Rtari ST daoks like it might be the beneficiary this, especially as the ST adventure Creator, based on G.A.C., has just been released. If this carries ori, this will have to become the 68909 Roduenture Forum!
P.C.B.S. are, I assume, perhaps wrongly, having prablems. They have moved to Glasgow, scotland. Rpart from the save bug noted by John shaw in the last issue, The Talisman laoks like an excellent Dungeons and Dragons game, but there hawe been no adverts for several months. Gilsoft are still selling the Quill system for the QL at £10.95 if you supply the media and don't mind printing out your own manual. They are still at

It looks unlikely
that they will bring out P.f.W. for the Quill, which means that people
wanting to do illustrated adventures either have to do it all themselves or get ACT!

On the arcade adventure scene we ve got the Maxtronics Rlien Hijack which
features same excellent graphics. It's 3-0 dodge and pick-up game with, I presume, puzzles to solve. Being a bit rusty at this I ve not got very far, but I can recommend it for people wanting to do a little joystick
waggling. They can be contacted at.
Chi-Soft, $\square$
. Cost f 18.25 all
inclusive.
Also if you're into Defender tupe maze games, Chis skellern kindly sent me a copy of starburst, which is a huge game, read the review and then order a copy!
0.k. You may remember that I ve spoken of a wargame for the QL. Well, I ve finished the preliminary notes 66,500 words) and hope soon to start working out the details. If you want in on this project contact me at the usual address and send a mov_ and s.a.e. and I'll send you the latest version of the notes.

I hope you find this first issue legible, let me know if any typefaces are causing problems. I or iginally was going to use character width 2 for the articles but they were too blocky. What would be nice is a char. size 1.5. I've used Page Designer 2 for most of the text output, but have used a couple of $P C$ progs: Greeting Laro Maker and Sign and Eanner Maker (a mere 99.95 each) for the cover and some of the adverts. Now there would be a useful set of progs for the QL
finother first for this issue is the first part of Malcom Silith's maps for ZKUL. I'll be reproducing these as is, as using ITP for maps is a PAIN !

Right that's all for now. Don't forget. that QLRF needs your contributians to suruiue and be useful. We welcome anything on adventures (text, graphic and arcade), simulations, strategy and wargames. Riso notes on QL add-anis, front-ends, toolkits which are supposed to make life that little bit easier, but which of ten make it more complicated. I'm a!so happy to print anything educational if it includes programing hints or advice on simulations, etc.

See you in a few months time,

[^0]
by RLRN D. PEMBERTON
PRICE $£ 3$ + mdu + p\&p + vat from Microdrive Exchange

If you still have your 'L' plates up as an adventurer, then PLRYTIME is the one that will surely get you through the "Test". But at the same time Rlan Pemberton's brilliant adventure will cater for the expert too, since the Quill document supplied with Playtime enables you to 'cheat' as much as you want - or not at all.

You are told at the outset that you are about to enter a world where a variety of characters expect you to perform tasks for them. You can wander through the land without hindrance once you get there - with two exceptions. You have to figure out how to get into the main adventure and there is one section you can't explore until you have performed most of the tasks.

Rlan's sense of humour is evident throughout (try asking the librarian about the chest or, better still, examine $i t$ ) but unlike some
adventures, it doesn't swamp it at the expense of the "serious" business of getting home again in one piece.

The Quill doc gives you an idea about what is to come, tells you about the dictionary and how to converse with the various characters. I won't tell you what those characters are since I found that coming across these oddballs added a great deal of enjoyment to Playtime. So you'll have to go out and buy it, won' 't you!

In addition, the instructions give you a "cheat sheet" written in code, so that when you get stuck you can type in "DECODE" followed by the code, which will then give you the hint you've been looking for. You may find this aspect of the game a bit too accessible but as I said, you can cheat as much or as little as you like. YOU ALONE WILL KNOW YOUR DARK SECRET!

There is also a section in the quill doc entitled TAKING PRECRUTIONS. When I was but a lad, that meant something completely different, involving a furtive visit to the chemists. For Alan, bless his innocence, it's merely a section aduising you on how to save the game as you go along, so if you get splattered you don't have to start all over again.

Anyway, back to Playtime. Having completed your allotted tasks and

WANTED
New adventure, strategy, simulation and wargames for the QL and PC.


II you have written a game that you'd like to have published then contact CGH Services.

# DRAGONHOLD <br> This program is by RUBICDN systems, <br> but I fo hove a few minor groans: 

price 114.85 .
Bubican nre of 4-

The pragram is a 'graphic adventure', with a view fram the top, although your litile man is shawn side on far obvigus reasans. fis you ga araunif, you will see all sarts of articles strewn about, such n5 a dagger, quarter-staff, food etc.
You move about by use of the cursar Keys and can enter commands by the use of single Key presses, with the letters A - X corresponding to both verbs and nauns.
There are several ather characters about, inclữing a nagging waman, a dwarf, athief, npriest, and a Vロmpire bat <PLBASB NDTB, TRY TD STAY CLBRE DF THE UAMPIRE BAT, SINCE THIS

- WILL ATTACX YOU BUBRY TIMB AND KEBPS DN AFTER YDU AS YDU TRY TD GET AWAY). Nearly all of these characters will attack you at the first apportunity, andit seems impossible toreiuce their strength, while all the time your strength is being reduced in the fight. Stilil a quick bite to eat if you are lucky enough to have faund 50me food, and you are back on your feet ond off tafini same treasure. Dn the first screen, it is impossible to pass through the doar which lends to the next set of coues, until you speakto the nagging waman wha promptly tells you, that you cannot pass through a door if you are carrying arms. Please note several of the characters will not speak to you unless you are carrying something For example, the waman will nat speak if you nre armed.
The next set of caves is rather small, with only a trall in there to stop your passing by. However he is rather stupid and can be leadinto a deadend while you pass by him and out thraugh the doar at the top into the fORBST. The farest seems rather devoid of objects, 50 your best bet is to go straight to the castle at the battom right corner.
Dice in the costle everything seems to happen at a morefrantic pace with the characters attacking you at mearly every turning. Also you must beware, since you may have all sarts of goodies only to come into contact with the thief, who promptly 5 teals something off you.
There is a feeper level, the fungeans which contain a lot of the treasure, but do not pass into them (thraugh the red doors inside the costle) unless you have found a lamp , since you wan't be able to see about you at all, and it is impossible to get aut.
On the whole it is a very good game,
(1) The pragram is supposedily fully multitasking, but problems oceur if you try to run the pragram with SPRBDSCREBN 5witched an ©PRDBLEM far BRAM users, who are unable ta switch it gff), since the boriders around the windows will not appear after the first title screen.
(2) The title screen 05 R 5 you to input the drive which contains the master disk, and thinking it is only loaking for $\quad$ Key, you enter this, anly to find the pragram praceeds to load itself off this file, making n mockery of any backup disk you may have. There is a way around this however, if you place yaur warking copy in FLPi and the master disk in FLPe, type the command capy FlPz_ TD FLP1_ and when it asks you for the dirive cantaining the master disk, just enter flpi-
 NDT USE THIS EXCEPT FDR YOUR DWN USE SINEE THE COPY CDNTAINS R NDTB DF YOUR RDM NUMBER)
(3) The objects are scattered around the screens every time you start the game - this makes it mare enjoyable ta play since it is different everyga, hut $n$ few times $I$ hove been unable to find the lamp to enable me to go down the dungeans. I suppose ane of the other characters had it, but when you can't find anything they waldi like to trade, it is impossible.
(4) The characters always say the same things, even when they appear in anather set of caues. - What point is there in the woman telling you in the farest that you cannat pass through a dadr carrying arms, since you needed this information to leave the first 5et of cones ?
(5) When you die, you are offered the chance of being reincarnated, but have to start from the first set of caves again - surelyit wald be better to be reincarnated at the paint where you were Killedi, or at least by the door to that set of caues.

The pragram has naw been aut since 15日5 and it is a pity that these prablems have not been fixed yet. However, all in all, I must adimit ta thoraughly enjoying the game and wauld recommend it ta anyone.


IS THERE AN ADUBNTURE THAT YDU ARE STUCK DN, DR THAT YDU CAN HELP OTHBRS WITH ? WRITE TD BL RDUBNTURERS' FDRUM, C/D CGH SBRUICES.

# BOOK REVIEW <br> WRITING ADUBNTURE GAMBS－PART THREE <br> stuck after the thirid lacation！For 

A review of＂Sinclair BL Aưuentures－ a micro adiventurer＇s handhadR＂，by Tony Bridge and Richard Willinms． Published $19 B 4$ by Sunshine Books， £5．55．Paperback， 165 pages．Currently available from MPC Suftware，72，
 E1．日B postage．（SEB NDTE QUBR ！）
＂Sinclait BL Aiventures＂is probably the only book writiten about adventure gaming with specific reference to the BL．Consequentluy，this valume is the main saurce of infarmatian andi ifeas for the programmer wishing to write aduentures in SuperBASIC．The material it contains can help avaid the need to cross－reference general boaks on writing adventures in BRSIC to the BL User Guidie in orifer toget a game written for micrax＇torun on the BL

The authors are from worthy buckgrounds．Tony $B r i d g e$ was the adventure corresponient of Popular Computing Weekly for many years，and Knows a good game when he sees one． Richard Williams leatures on camputer courses and artificial intelligence， the latter being of certain interest to 50me nưventure crentors．

Thaugh the main aim is to assist in the creation of Superbesic aiventures， much of the book will be of use to those renders of BL Adventurers Parum who wish simply toplay and salve games they have purchased from commercial squrces，rather than writing their own games．This is because the first part is devoted to a history of aduenture games and contains many useful hints on how to solve them．

In 1BB4，when Bridge and Richards were writing，only two Sinclair BL
adiventures were available，nomely
Talent＇s West and $2 k u t$ ，both of which are still on sale．West was a conversion fram the Commodare 64 ，but ZKul，like The Pawn，is believedita have been written first far the BL．Rs a result of this scarcity of BL adiventures at the time，mast of the camments of part ane relate to the early mainframe aduentures and to games on the $2 \times B 1$ ，Spectrum and Commadore 64 ．However，the suggestions on how to tackle playing adventure games in general are quite useful for adventures on all sorts of computers， including the BL．Newcomers to adiventuring may learn much fram this port of the book，especially if they have a tendency to get completely
hints on problem solving in specific BL games，consult all the bacik issues of BLAF．

Incidentally，thaugh Bridge and Richarifs were nat very camplementary about West and 2kul in their 19B4 review，these games still pase problems to blaf readers faur years after their relense．More expensive versions of these two Talent games were relensedi on the Atari ST series， which must be flattery tothe BL of a sart，and Talent＋is still a majar supplier of adventures for the BL．

## the bl adubnture generatar

Part twa of the baok deals with the seriaus topic of proiucing afiventure games，but simplifies the task by means of the bl Aiventure Generatior （BLAG）．This owes much in principle ta Gilsoft＇s The Buill fơventure Writing System，which was not quailablefor the ol until about twa years after ＂Sinclair BL Aduentures＂had been published．The debt to The Buill is acknowledged by the authors．

A major difference between BLAG and The Buill is that you will have to type in BLAE at the Beyboarit，as it is in the form of a SuperBASIC listing． It is a shame the publishers did nat make blag available on cartridige as an optional extra far those readers who wanted to produce their games quickly without having to type in the generatar pragram．

The aptions presented by BLAG are like a cut－dawn version of The Buill：

## PRBSS THB CDRRBCT NUMBER TD：

LDAD DATA PRDA MICRDDRIUR（1）
ALTER THE MAP（2）
ALTER THE DBJECTS（3）
ALTBR THE MDNSTERS（4）
ALTER THE CHARACTERS（5）

## END THE PRDGRAM 〈E〉

It is best ta read the boak tharaughly before using the program，as there is littile on screen help offered．

There are limitations to the types of games that can be produced with BLAE ， therefare careful planning is required before you sit at the BL Keyboardito ensure that yau will create a unique andi interesting game．Bridge and Richaris suggest that with careful

# BOOK REVIEW continued 

đesign, yau will be ahle ta create an aiventure which combines hath combat and puzele elements. It is unlikely that games produced with BLAG will equal the output of Gilsoft's game generatar, but interesting games could 5till be produced.

As an incentive to typing in BLAG a simple quiventure is included in the book, Bl ADventure 《BAD wauld you believe? ). This shauld iemonstrate how to use the adventure generator.

In addition, it is explained how simple graphics can be includedin the adventure games you create with BLAG. At the present, the BL version of The Buill lacks the ability to include graphics in its games.

Though much of the book is ditedi, adventure games on all computers having progressed quite a bit in the past faur years, it is still warth reading in 19BB. And even though The Buill is quailable to BL adventurers, it is educational to examine the gl Aiventure Generatar to see how twa programmers have tackledithe task of producing aduentures in Superbesic.

MPC Software of Nottingham are aduertising the baok at the time of writing, and the price is a few paunds less than it was originally. Buy now while stacks last! It walid be a shame to miss it at such a bargain price.

## Michael L. Jacksan

Sad efitarial nate. I was hoping ta get a few of these tomake available in QLAF subscribers, but MPC informed me that they are out of stack and are unlikely toget holif of any more. 50 if you've got a copy that you want to sell please aduertise in the small nds. Dtherwise it's a triptothe library for you - and the best of luck. If anyone has written an nduenture using this system plense let us know haw you gat on.

Richard.
Further nate:
I actually managed ta pick a copy af this up in a computer shopin Haverfardiwest but at the full price! (Curses) If sameane felt likewriting ta the authors they may let the qlag come into the public domain, now that the BL is practically dead as far as large scale sales go.


In an liaFl we had a short piece on the Cave Adventure, in ohich Shane shoued hos far he had get. I have had antther $g+$ at this adventure, aided by some cives given in a PGmag and have managed to get a bit forther $\rightarrow n$.

In particular i have solved the problem (I hope) of the trell, and uith it, that of the emeraid. If $y \in 0$ remember $\quad$ \&u can get t the emeraid by saying pltyer in the $82 \mathrm{r} \leftrightarrow \mathrm{m}, \mathrm{m}$, but getting out again sucgessfuliy is another matter. The stiution to this problem inotives tes parts. Eirstiyg int the emerald room oith your lamp, get the emerald, $X E$ int the dark rom t get the pyramid, return then drop the lamp, gt aest then ohen $y * 0$ aan get $n$ forther dr*p the enerald and return to get the lamp and return to the 82 room. If this is done correctly
 the exact commands !) the the emerald vill be accesible from another directi\&n.

T* get to the enerald yovill need to be garrying the gilden eggs - st din't plogh them back to the building ohen $y \rightarrow 0$ get them - the keys and stme $f \nleftarrow+d$.
 the oriental rotm then so to the ling oinding corridor, thence to the chasm where $y+v ' i l$ be faced uith a troll. He' 11 demand $a t+12$ ( $d \& n$ 't they aluays!) and to pay him throu the eggs at troll. (Giving doesn't otrk here.) unce wer the chasm $y$ ov can either g* ME ts a spectacuiar vieu and pick op some spices or SE to the bear, (or indeed $d+b \in t h)$. The bear, to be usefol, needs feeding. St having fed the bear vilack the chain and the bear widl be yours. T* return past the trell simply drop the bear and he 12 chase auay the troll.

Right that means that, accerding to most versions of the game, ve have anly to find and kill the dragtn and get the at to trigger the end game. Alas, neither Shane 4 myself have come across the dragtn st, dear readers, it's back to you. Is there a dragon, and if so where is it? Ange ve've sussed that out l have a stivtion to ther versions that shovid let us complete the game, but that ill have tovait $f$ or anther issue *f QAF!!!

Richard.

gDUENTURE URITTEN BY TOM BLRDEN
This adventure is auailable from QURNTR to all of its members, free on DISK_87. R text-only version is also available free on DISK_86. (If you have only microdrives, the respective libraries are LIB_07 and LIB_98. NB you need three microdrive cartridges for LIB_88).

The graphics version has been enhanced by N.Taylor, who added a text
compression technique and a split mode program (both from the QUANTA library) which has enabled the graphics to be displayed in MODE 8, while the text is displayed in MODE 4. I myself, have nou just completed adding the
finishing touches to a TURBO ed version of the program which will enable it to run on any $Q L$ version - a bug in the program had prevented this earlier - and have now re-submitted it to the library. I intend in the future to also update the MDU version and the text-only version.

So, what is the adventure all about ? A wor who keeps the peace in the land has been kidnapped by the evil uizard and you must set out on your mission to rescue the worm. On the way there are lots of different tasks to perform, but all of them are very logical and well connected. (Mind you, I do query that a squirrel should be carrying a torch around with it ?) Rn example of the logical solutions is that once inside the castle (can you find it 1 wonder) there is a dragon to contend with. Now the only way to put out the dragon's fire is to give it a large ice cube to eat, but if you try to pick up the ice-cube, you will find it uill melt very quickly unless you are carrying something to keep it cool.

The adventure even includes a real time fight sequence against the wizard although the program's logic may need a little clearing up here, since all you have to do is to watch what the wizard is doing and you will defeat him easily. Still I guess the author didn't want this part to be too difficult, especially since once you have opened the way into the castle, the wizard will come out and find you uherever you are.

On the whole the adventure is well thought out, and there are several hints to help you along your way. These hints are in the form of signs which appear at several of the locations, and even in some objects! The graphics form the top quarter of the screen and include some sprites
such as when the dragon has been upset. These graphics are excellent and do not slow the game down very much, even though they are loaded from disk, since once you have been to a location once, the graphic
representation for that location is available instantaneously.
I yould indeed thoroughly recommend
this adventure to anyone, and if you are thinking about joining QUANTR, this program may just suay your decision, especially with the knowledge that there is also another excellent adventure in the library by Tom ('JEUEL') and also the graphics program and text compression programs used in this adventure are also available to members of QUANTR.

## HINTS

1) SQUIRRELS REALLY LOUE TO EAT ACORNS and may give up presents in exchange. DON'T EXPEC THEM TO CARRY TOO MUCH
2) A Y-SHAPED STICK COUPLED WITH A RUBBER BAND MAKES AN EXCELLENT CRTRPULT

## 3) RIUER bEDS fRE EXCELLENT PLACES TO DIG

4) THE SNAKE is fin rdDER. YOU nEED SOMETHING TO COUNTERACT THIS BEFORE YOU PICK IT UP
5) NORMAL SHOES WILL SINK IN THE MUD
6) the stone is not only a werpon, BUT CAN ALSO SHARPEN EDGES
7) the trees have things hidden in THEM
8) RERD THE MESSRGES ON THE SIGNS
9) THE ORAGON ENJOYS EATING ICE, UNF ORTUNATELY?
10) THE BIRD WILL TALK FOR SEEDS
11) THE LEECH CRN EXTRRCT SOME BLOOD FOR YOU
12) PINE NEEDLES CRN SERUE ALL YOUR MENDING 'NEEDS'
13) THE DOG RERLLY LIKES BONES
14) THE BALLROOM ISN'T USED FOR DRNCES

- try another type of ball there

15) GET THE MRGICAL SWORD RS SOON RS YOU ENTER THE CRSTLE - IT'S YOUR ONLY PROTECTIAN RGRINST THE WIZRRD !

REUIEW RND HINTS BY RICH MELLOR

# Ruest $\frac{\text { Fiter }}{\text { In }}$ 

Bragea
竞


One or two words concerning "Quest for the Dragonsword". Overall, i felt that your review was quite accurate and fair. (I thought that QL World's uas as well apart from their "limited vocabulary" comment.)

The game was originally started in the summer of 1985 using the Quill system on a Spectrum (or rather a couple of Spectrums). Ian Ward, Malcolm Johnson and I had just finished school and I suggested trying to Quill an
adventure. This took all summer, as we didn't plan anything, just making it sp as we went. The 'finished' version was much smaller than the present $Q L$ adventure, left 38 bytes free in a 48 K Spectrum and had more bugs than we ever realised, despite intensive debugging and testing. We tried to market it without success.

Shortly after, Malcolm and I purchased QL's at the new price of $£ 280$ and I tried to convert the game into 68000 machine code. Halfway through this horrendous task, I discovered that the QL Metacomco Assembler has an object code limit of 32 K , which thankfully brought this project to a halt. About the same time, Gilsoft released the $Q L$ version of the Quill, so we bought that and took the opportunity to dramatically improve the game.

The greatest feat of engineering was he loading screen. This was
cransferred from the spectrum to the $Q L$, by 'beeping' it in binary on the

Spectrum, amplifying the beeps and reading them in by PEEKing the QL's network port. I then had to unscramble the Spectrum's weird screen format and tidy the picture up with various art packages. QL pixels are shorter and fatter than the Spectrum's, so the picture was squashed vertically and stretched horizontally, so the girl in the picture was transformed from being slim and elegant to being short and fat!!! I had to redraw her head and drastically alter the shape of her body! The process improved the look of the dragon though!

When the game was finished, we tried to save it, only to find that the early version of the Quill had a 32 K code limit, so I had to get Gilsoft to supply me with a corrected version. They had been unaware of this bug until I told them about it.

After all this work (2 years on and off) and we have only just managed to break even, due to high advertising costs (and large aduertisments). Still, we aren't too worried about that, Richard at Byteback took the financial risk and as he is a friend, I'm glad he didn't loose any money over it. Rny further sales will be profit (houever small) and money means beer to hard up students! Still, if people enjoy playing it then that's the main thing, i suppose, (although a profit would be very welcome, of course).

# QUEST FOR THE DRAGONSWORD 

Regarding the scenario，it was written one afternoon last summer，as an after thought，by Malcolm and myself， partly to provide background information to the game and partly as an exercise in Monty Python＂style humour．＇Claire＇was Malcolm＇s idea and one which no－one else agreed with， but he insisted．He was also responsible for the name＇Kikiz Eddin＇ for the head of the fiduenturers． guild．I＇m afraid that sir Lilipoof＇ was my idea，as I wanted a name that sounded least like a brave
dragonslayer．We sought the opinions of several people about the scenario and found two general responses．Quite a number of people thought it was very funny，uhile others（such as my mum） shared your opinion．No offence was meant to anyone sincluding the N．U．M． about the Miners strike $j$ ibe and the Y．T．S．My sister got a very good job through the Y．T．S．）We deliberately kept most of the excessive corny humour out of the game，although odd bits crept in．We did try to hide a lot of more subtle cor at least less obvious）jokes and puns in the game though．The most extreme dsecription that we put in（probably under the influence of alcohols was：－

We are not going to give you a description of this object，as we are writing this at 11 o＇clock at night， and we are all tired and hungry and want some chips but nobody will agree to go across the road to the chip shop to get us some．＂

Fortunately，I accidentally crashed the $Q L$ just before this was saved and we couldn＇t be bothered to type it in again．The proper description was entered the next day when we felt better．

## Ian Foot

WERY ロBSERUANT READERS MAM
NQTICE DNE DR TWQ SPELLIME
AND SIMILAR MISTAKES IN
THIS PLELICATIDN．
THESE HAUE BEEN I NCLUDED PURELY FロR THロSE PEDPLE WHD LIRE LDOKINE FロR SUCH MISTAKES．

KIMD FREN＇T WE ！！！

＇Descartes the stuffed Fish＇is not difficult to converse with as long as you know what to say to him．If you don＇t know，go to your local library and look up Descartes．（then look up de horses．Sillyed）The answer can be found in the Encyclopaedia Brittanica， as well as several books of quotations．Just type the correct sentence in and Descartes will reward you．SSolving this puzzle is not necessary for the completion of the game．）

RRTS！！！This is probably the hardest puzzle in the game．Prevention is better than cure for bubonic plague． Perhaps something to ward off sickness might help．Escaping from the church requires the（unwilling）co－operation of the rats and remember that the easiest solution is not always the best．

If you are lost in the mountains， there are two ways out，one is an easy path，but well hidden and the other takes much longer and is often discovered accidentally．

The first part of the sword can be discovered by monkeying about， although this is a giant problem！

Don＇t be too greedy if you want to obtain the second part！

The key to the third part has been altared！

The $f(y$ shouldn＇t enter the spider＇s parlour by the front door！

Halitosis can be a real life－saver！ （Difficult one this！）

Ian also says＂I am not willing to provide the complete solution to the game，but $I$ will provide more specific clues if asked．（ $£ 5.00$ notes are also useful for extracting clues from me！！！）
（If you wish to contact Ian，urite clo CGH Services or Byteback）

Ian Foot

# COMFESSIONS OF an aderitive writer 

OR... hOW I WENT ABOUT WRITING MY FIRST RDUENTURE PROGRAM
OR . . .

1081 Uays to make your adventure boring and completely unplayable.

by Steve Sutton

My original introduction to adventure games was by way of the very first such program by Willie Crowther (updated by Don Voods) which I acquired at uork (before the home computer revolution) and ran on a DEC mini-computer. Since this magical beginning (at least it enchanted me) I have played, with varying degrees of success, several other games both at work (lunchtimes of course) and at home on yarious micros.

Being the sort of bloke who can't resist copying a good idea, I started uriting an adventure of my own on the DEC ini I had access to at work (yet more wasted lunch/coffee/tea breaks and late evenings...), this game was called IMRGIN conly 6 letters allowed for the DEC filing system) and ultimately it led me to urite RPT for My QL, but that's another story...

For no good reason, other than it happened to be the only language available to me at the time, I wrote this game in FORTRRN. This in itself caused lots of problems (if you think it's difficult to use the QUILL adventure uriter just try starting from scratch with SuperBRSIC say, the FORTRAN I had to use was very primitive compared to SuperBASIC). More importantly though, I made a lot of istakes with the way i constructed the game, both in terms of the way it vorked and also in uhat features I included in it.

This article is really a collection of my experiences after having embarked on uriting a substantial adventure game. Substantial? IMAGIN has over 220 locations, 136 objects and a vocabulary of 450 vords (the QL adventure I have now uritten (IMRGINE) that is 'cloned' from IMRGIN is a mere 100 locations and 60 objects). If you are tempted to think that this specification doesn't sound like a very big game, after all there are several games auailable for home micros that boast a similar number of locations and objects, then maybe the overall size of the game, about 458K

## of total data/program space will

 convince you.IMRGIN is still being played, from time to time, by interested persons at work. If anyone has access to a DEC PDP/11 that runs RTII or TSX operating systems and would like IMRGIN then do get in touch, I'll gladly send a copy!

I tried to put a lot of the features that l liked from the various games I have played into IMRGIN, as well as including several completely new ideas of course. At the same time, I attempted to exclude all the features that I disliked in other games. Despite all the original good intention, I must say that it is UERY difficult to design a text only game that can maintain a high leve! of interest for a wide variety of players. I have learned a lot from IMACIN, but 1 still consider myself a novice uhen it comes to uriting a good adventure (I'm getting better though, honest!).

IMRGIN is a game of logic. It has a very loose theme, basically the player wakes up one morning to find
themselves in a strange room. The object of the game is to find out how to get home to the 'real' world. Rll the usual sort of things like magic, monsters, riddles etc. are included, but I also relied a LOT on logical reasoning to prouide the solution to many of the problems presented in the game.

I also included several quite novel features in the game, for example, the gamesman and the nagging wife (the wife is also included in IMAGINE, so I won't tell you too much about her!). The gamesman is a way of including a board game (othello) as part of the adventure, the player has to play and win a game against one of the characters in the game before they can continue beyond a certain point.

[^1]debugging stage.
The criticisms about IMRGIN have been many and varied. Some just reflect the particular features that different people like or dislike. For example, I had equal but opposite comments about:
the othello game - too easy/too hard startup information - too complete (ie gives too much away / incomplete (ie should have given more help with certain aukward problems
location descriptions - too
descriptive, especially where details entioned don't correspond to words or objects the game actually knows about. Some people thought my descriptions were mostly too brief though...
and so on. Rll this goes to show that you can't please all of the peopleall of the time!

After spending some time thinking about the various coments made, I would list the following points as typical problems I encountered with IMRGIN, and also some more general do's and don'ts that came out of the criticisms.

On the whole I included more locations than were really sensible. Clearly some nodes ( $p$ laces) should be included in order to pad the game out and to provide a more interesting world for the player to explore, but 1 would recommend that no more than 1 extra node be added for each node uhere something interesting can happen, be it an object to be found, some magic effect or whatever.

In a similar way, the number of 'red herring' objects should be limited. IMRGIN originally had many more redundant objects than useful ones and several of the people who have played it spent a lot of time trying to think of something useful to do with many of these. Again, I would recommend a ratio of RT LEAST 1 useful object for every redundant one.
I found that it is aluays a good idea to provide alternative ways of solving all problems that govern how far a player can complete the game. One way, the simple way, should be time consuming, lose the player points, possibly create other restrictions later in the game, but at least should provide a way of keeping the player interested by providing a route to proceed in the event of their not being able to solve the puzzle in the correct (hard) way.

Never underestimate hou difficult problems might be for the player. I
found that many of the puzzles in IMAGIN vere simply too obscure, Inltlally, to allow them to be solved without hints. Try to make sure that there is an adequate clue to help the player if you do include any difficult problem, by adequate I mean that the clue should not be too obscure, make sure that the player can reasonably easily figure out that a clue does actually relate to the problem it is designed to help uith. Don't make up puzzles that require too much prior knowledge from the player. It's OK to assume that the player has a reasonable general knouledge, but not everyone is familiar with Physics or Greek Mythology, etc. If you do set a problem that requires such specialised information then a hint or possible alternative solution should be included.

Repetitive puzzles get very boring. The first time you have to search for a key before you can unlock a box it is quite fun. If every container works this way, however, then it gets to be extremely tedious.
On the other hand, there are occasions where repeating a problem used previously in a game can be a god idea. IMAGIN had one such repeat which nearly everyone liked. This involved disguising the problew, the second time, so that players are distracted from the obuious solution. The actual trick I used was that early on in the game it is necessary to realise that you can move a heavy chest (by PUSHing or pulling ( $t$ ) in order to reveal a hidden staircase, nothing very rewarkable in that. However, later in the game I do exactly the same thing but this time the object that must be moved has apparently remarkable properties. In fact I make it a KLEIN bottle (a container that can contain itself!), so far everyone who has encountered this tried all sorts of other things, often remarkably inventive, before realising just how simple a puzzle it really was.
Pay particular attention to the
logical correctness of your game.
There is nothing worse than being given a clue or an instruction is a game only to find that it was simply urong! For example, IMAGIN tried to be helpful to the player in many situations by providing a suggestion when certain commands failed. Say the player gives the command. TAKE THE SHOUEL, if they are already carrying too much then they might get the response You haven't enough strength to carry that, try dropping something to lighten your load.'. This is fine in this case, but it is important to

EVEN MORE

## CONFESSIONS

make sure that the object really CRN be picked up if the player does as requested. In IMAGIN there were several objects that vere simply too heavy for the player to manage even if they discarded ALL their possessions: in this case the response only has the effect of making the game tedious.

Partly as a result of copying features on sowe more recent games and partly as a general desire to wake IMRGIN a 'sophisticated' game I initially included some command structures into the parser (that's the part of the program that decodes the commands that the player types $i n$ ) that proved to be oo complicated.

For example, l originally provided a sponge to allow liquids to be picked up by commands such as 'fill the bottle with water using the sponge'. fin interesting idea but not altogether practical. In the end, after a universal failure of ANYONE actually working out how this command should work, 1 was forced to include the simpler commands fill sponge with water' and 'soak up water in sponge. as well as commands such as squeeze water into bottle' etc.

Generally, everyone tho has played IMRGIN so far has always limited the commands they try to one of three general forms. These are verb', verb noun' and finally 'verb noun noun'. Rdditional words such as 'the', 'to' or 'with' etc are often (although not
lways) redundant. of course there may de adjectives required to adequately distinguish each object, but the basic structure is still the same.

You will gather from this that $I$ am not much interested in adventure games that boast parsers which can cope with multiple commands or that offer some sort of syntactical analysis of commands. On the whole I think, from my observations of how people actually PLAY games (mine at least), such
features are a waste of time.
There is no reason why paths should travel in straight lines in an adventure. For example, if you go North from some location then the new place you arrive at need not be to the North of your starting point, thus going South ight take you to a third location rather than back to where you , tarted. This sort of non-reversability can add to the challenge of a game in some
situations, in a maze for example. However, if RLL routes are tuisty in this way then it simply makes the game more difficult to explore but adds little to the fun in doing so. I had a lot of aduerse comments initially over this, subsequently i made nearlyall the paths in IMAGIN reversable, EXCEPT in the mazes.

It is helpful to provide details, either stated or implied, in the location descriptions, that indicate which directions have paths. If this isn't done then the player may spend a lot of time methodically checking each direction at each new location in order to 'map' the game. Of course, an alternative is to supply a map with the game, however $I$ think part of the fun is in exploring so I would alvays choose NOT to supply a map.

In some locations it way be a part of the intended challenge that some path is hidden. In this case it is possible to use a location description
something like there are numerous paths from here, obuious routes are to the North and Southeast', this then leaves the player to discover the other, possibly inaccessible until some task is completed, routes.

I notice that people will commonly miss a lot of information that might be put into location or object descriptions. If something is essential to complete the game then it should occur more than once or be stressed in some way.

Mostly, there is a problem with maintaining interest in a game once all the easy bits have been solved by the player. Basically, once the player runs out of ideas about the bits they haven't solved yet then unless something happens to spur them on the game will quickly be abandoned.

I think this is a general problem with adventure games, you quickly get interested in the initial game environment and solving the puzzles first encountered, but unless something unusual happens or you continue to make steady progress in solving the game, it will ultimately become boring.

IMRGIN was particularly bad in this respect to start with, the sort of comments I got were IMAGIN was oK but not much happened' or 'I couldn't see what I was supposed to do'.

The only aduice I can offer for this problem is to always try to think what the player will try to do and cover as many alternative avenues as you can think of that the player might pursue at RLL the stages of the game. It is always useful to see how other games shape up in this respect. Probably the

# LAST CONFESSIONS 

best game I have played, to my ind, is called Magical Mystery Mansion (on a DEC machine again). This game managed to keep something happening virtually RLL the time, I don't think l ever lost interest in it once (I still play it from time to time since I haven' managed to solve it completely, yet).

Looking at the word count I think I had better draw this to a close. I could include a lot more examples and ideas along the same lines. However, if anyone is interested I could perhaps waffle on about some details of hou I went about actually uriting my first adventure (wuch of the logic I worked out for IMAGIN found it's way into APT and IMAGINE). I would welcome any feedback about these thoughts, especially positive criticisms about any of my conclusions/ recommendations, they are, after all, only MY opinion based on my own experiences.

Steve Sutton, June 7, 1988



Hints for 2Kul - fram Nestor Patrikios
The maze NW of the lang hall should be mapped from a known entry point; the use of objects to mark key points is very useful. Remember that descriptions arealmost useless there ore any number of different locations with identical descriptions.

The maze above the gual room can be negatiated by persevering in a given direction, sidestepping obstocles, and returning in the opposite direction.

Always be generaus to dinares - even if you have no food, giving them the lamp will generallyduthe trick 《and you get the lamp back). Poisaned fr really doesn't seem to matter (except perhaps when fighting? .

The green liquid near the lab is an alchemist's đream but is also an irritant - tongs are needed for the iip.

In the same area, remember that wherever the cossat goes, 50 can yau think of a useful place totossit. Bast of the oval raom yau may findian undocumented descent. Bath these rautes lead ta the same area which should supply the logical companion to an ock and a whole new range of possibilities.

That's as far as I've gat. There is something vital tabe done in the domed city. It is to do, no doubt, with the spectral pedastel, but 1 can't work out what it is.

Nestor Patrikids

IMAGINE by STEUE SUTTON PRICE f19．95（or is it £15，Steve？） from SHADOW GRMES，if they ever get round to it．Otherwise from Steve himself．

IMAGINE you＇re in a nightmare full of nasty monsters－a nibbler，a gobbler and（worse）a nagging wife．（Is any one else getting fed up with this incessant sexismin adventure ganes－ where＇s the nagging husband，why are there so few female adventure heros， Ed．）

IMAGINE you＇re reading a review by －omeone who knows his way around the
irst adventure written on the new APT adventure writing system by the genius who invented it．R very vivid imagination is required here，mainly because the only reason I can write any sort of review is that steve Sutton sent me a cartridge full of hints！

Steve explained APT in detail in QLAF 2，so I won＇t 90 into it here，except to say the end product（IMAGINE）is brilliant！You start off in a room with a box and a few other bits and pieces lying around．You know，the usual adventuring sort of stuff－a torch，a lucky charm，a mouldy sandwich and a box that can zap you to kingdom come．

I have to own up here and confess I could get no further without help from teve． Al though everything you need to yet out of the room is here．find having got out of the room istill needed Steve＇s assistance to get any further．I was in one of those infuriating situations where once you know the answer to the puzzle you wondered what all the fuss was about， but until then you come close to rearranging your QL with a chain sall．

You＇ll get some idea of the scale of IMAGINE when I tell you that the cheat sheet Steve sent me ran to 13 pages． It is HUGE！And then he tellis me there＇s a version for EXPANDED QLs．On the way you have to deal with a couple of monsters cat least I ve found two－ there may be more），a gremlin sort of thing that moves your markers in a maze，appease a nagging housewife and do some gardening．Monsters I can deal Hith；gardening and a nagging
ousewife I can do without．（I thought adventures were supposed to be some sort of escapism Steve！）

Anyway，having done the gardening and persuaded the nagging wife to leave quietly－thus unblocking the way south－I got stuck again，although judging by the cheat sheet there is just as much adventure left as I ve done already．Somehow it doesn＇t seem right to review an adventure without finding anything to complain about．Sn I have．Call it nit－picking if you will，but once again vocabulary－or lack of it－has reared its ugly head． There is nothing so frustrating in adventures as finding that words used by the author in describing locations aren＇t recognised by the prog．A case in point is the larder in Imagine．It warns you about low beams but won＇t recognise the word＂Beams＂or＂under＂ for that matter．

Imagine is definely not one fur the beginner（see my review of Adventure Playtime）and I must confess that the theme isn＇t exactly my cup of tea． Gardening and a wife（nagging or otherwise）are a bit too close to reality！Bring on the Orcs，dragons and wizards－the stuff that dreams （or nightmares）are made of．

No doubt there are a lot of QLAF readers who will disagree and I mean no disrepect to steve when I say this， but surely an adventure should be a quest；rescuing damsels，collecting pots of treasure and beating the bad guys．IMAGINE is about getting home again after being dumped in a room and while it is a perfect example of its genre（its type，for suri readers）I hope it won＇t spawn a generation of adventures which involve shopping， doing the dishes and going to the toilet．

But，putting my personal gripe to one side，IMAGINE is well thought out and the graphics are a delight．The screens are drawn in a matter of seconds and compared to（for instance） Mortuille Manor they are supersonic． So what are you waiting for？
shrine Mcgaruey


GロLWED A BL ADUENTURE ？
NロT SENT IN YロUR SロLபTIDN ？ FロR ARSロLUTIDN WRITE TD BL AUENTURERS FロRUM TDIA＇AND
arrived in winter (with spring, summer and autumn to follow) and you are asked how wach grain you want to feed to the people, how much grain to plant, how many people to work in the fields, how many in the planetary brigade and how many people to work in industry. Clue: You don't plant grain in winter, dumdum, and when you do plant it, in the obvious season, you won't see the results until autum. Rt the end of each season you are shoun what your resources are in manpower, cash and grain. You are also shown what the morale of the population is. Ignore it at your peril.
You also get the chance to buy stuff from the Federation (the good guys who sent you on this harebrained mission in the first place). But it's not cheap in the early stages, although if you are successful as a leader you will easily be able to afford the goodies later on. Keep an eye on your farming and industrial technologies, which drop by one point each season as the equipment you have becomes out-dated. You can buy more.

There is much, much more to this adventure as you will discover when you rush out to buy it. Unfor tunately I don't know what it is. Twice I got to an advanced stage of the game only for the screen to go blank at a crucial stage. Try as I might I couldn't retrieve it. That's gripe one. Gripe two is that I couldn't get back to the menu to save the game. Gripe three ( a minor one, once I realised what the problem was) is that as the menu comes up at the start of the game, you are told by the faithful QL that it is out of range at line 4. Type in mode 4 and then run. Problem solved. Gripe four is that when you have lost all five of your allotted lives, the screen doesn t clear to the main menu. Hit ctrl and space to get into basic and type run - obviously with Stellaris in movi.

While Microdrive Exchange progs do seem beset by bugs, the advantage is that if you know what you are doing, it's possible to put things right. So if Stellaris is just your cup of galactic soup, put away the baked beans and be prepared to go where no man has gone before.

May the Force be with you...
Shane McGarvey, Stardate 4.5.1988.
PS..Since $I$ urote this I have managed to finish the game. Imperia surrendered!

## Dear Richard，

Please note that I have used QJUMP＇s QTYP spelling checker for this document，and it seems able to keep up with me，no atter how fast lype－ Even if it has managed to lag behind me for some reason－minly uhile QUILL is tidying up the document and therefore not printing out any words， as soon as there is a break，as each neu letter is printed on the screen， QTYP checks it against its dictionary， so getting rid of the problem with SPELLBOUND which can miss out checking on whole words． Al so，if you go backwards with QTYP invoked，it is suitched on again as soon as you type another space，unlike SPELLBOUND which Mau must turn on again．
also have a copy of Digital
Precision＇s TURBO compiler which they sold me at the cut down price of f64．95－If anyone would like to contact we about compiling an adventure they have uritten，I would be willing to do so，so long as I get a copy and the adventure is given to
QUANTA or at least offered at a discount to members of QURNTR and readers of QL Forum．
By the way，I got the $£ 35$ discount on TURBO by merely requesting the TURBO TOOLKIT on its own，which DP no longer sell separately．
If anyone is having problems with TURBO，or considering purchasing it， if they contact me I uill tell them the aduantages and pit－falls cwarts and a（l）
I am currently working on compiling STELLRRIS out of QL WORLD which may be C interest to QLAF readers－There ．íe problems inuolved－mainly since TURBO von＇t compile a program which opens over 16 channels．However，I have managed to reurite most of it to overcome this，and now am left with the problem of getting rid of the few bugs which remain．
By the way，if anyone is interested，I have compiled the screen drawing routine in the excellent GOLF program published in QL UORLD，which makes the program much faster and therefore better．

Yours Sincerely，
Rich．

## P．S．

I have a copy of TRLENT software＇s GRRPHIQL＋（also knoun as QLPRINT） which I would like to sell due to upgrading to Digital Precision＇s EYE－Q It would cost $\mathbf{f} 24.95$ new
INY OFFERS？

Dear Richard，
I ve been rather busy lately，what with one thing and another，so I haven＇t got around to sorting out quite a lot of things，APT and IMRGINE included！

OK，what about RPT and IMAGINE I hear you ask（uell actually I read the question from the note you sent to me， of course）？

Well，the news is that both RPT and IMAGINE should shortly be marketed by Digital Precision．This arrangement has been pending for some time but obviously I was not able to say anything about it until the details were sorted，both with DP and Shadow Games．

I can＇t give too many details about prices etc but $I$ can confirm that both APT and the game will have various improvements／upgrades made．It is also likely that $\operatorname{APT}$ will have a new name （a rose by any other nawe．．．）．Don＇t worry，the hints I have sent you for IMAGINE will still apply to the new version（I＇m not going to alter the game too much although it is likely to have some refinements such as a fancy font for the text and probably some more sound effects）．

As far as a detailed timetable for the release goes， 1 expect that about 2 months from now is about the right sort of ball－park，however，such details are really up to DP，of course．

Let me know what you think about the article．If there is any interest I could continue on a similar vein with another article sthat is if other QLAF readers can stand to read it．．．．．）．

Keep up the good work
Steve Sutton

[^2]

In the first issue of QLAF I reviewed this game from Javid systems, none too favourably I have to admit. However quite a few people have bought it so I thought it a good idea to give a littie assistance to those readers who may be stuck with (sorry) in it.

These hints were supplied by David Colyer of Javid systems

## PHRSE 1

EXAM sock reveals KEYS to crew's sleeping quarters and the ammo compartment.
If you take the spanner from Nobbie and give it to Robbie he will mend the spare engine so you can get the screwdriver.
If you SPIN the globe clockwise, you can then UNPLUG torch.
You can FIX buggy to trailer and ENTER and EXIT buggy.
When you are suitably equipped, get everything to the Navigation Room and SPIN wheel clockwise, ENTER buggy and 90 ERST.
¿To which I'd add be careful when mapping the corridor, as it's easy to lose track where you are if you keep going in and out of rooms. Rilso you can load up the other characters with goodies as they' ll follow you out without explicit directions or putting on their spacesuits.)

PHASE 2
The wheel brace is only required if you go to a location with smooth shiny walls and crash the buggy (i.e. the wall acts as a mirror). However it is not necessary to go to that location so the brace is not really needed. You must REST at the crater to enable Admiral Cola to get the Star fragment, which only he knows how to use.
At the high boulders you must give the rope and peg to Dusty. He will climb up and fix the rope for you to 90 UP and get the ingot.
You must wisit the quicksand to get a vitamin tablet and save the admiral by GIUE rope to Robbie.
It is best to put treasure in the trailer and give useful objects to the characters as the buggy breaks down a few moves from the Moonbase. (If you haven't already driven between two rocks and wrecked the buggy - be warned)
When you reach the Patroller shoot him and then take his clothing. Then dig a hole with the spade from Robbie and
then bury the body. You will need to return to the buggy to change into alien clothing. SHaving done so you can drop the suit.)
You can now return to the Moonbase in disguise and can INSERT your identity card into the door. (Make sure you are carrying the paint.
The key to the maze is in the direction. E.G. Sadly means South, Well means west, Seven means SE etc. Also the number of roads also coincides with the correct direction. To which I'd add, when mapping leare space for at least another locatic all round each discovered location as the distance between locations is not even (i.e. you cannot map it on a grid basis)

Well that little lot should get you to the end of phase 2 of Dark side of the Moon. If you're still stuck write in and we ll see if anyone can help you.

Richard.

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As I write this my hands are aching after playing this game for over an hour, having used the cursor, ctrl, alt, and space keys to control this game. That in itself is a tribute to the addictivenes of Chris Skellern's game.

In itself it breaks no boundaries in terms of game design, being a
maze/Defender hybrid, with the player controlling a space ship as it negotiates a massive maze in search of pirate ships to destroy. find whilst one is about it, one gets plenty of
Cher installations to zap on the way.
wing destroyed the 6 pirate ships you can then go on to zap the baddies. leader, but you won't get access to that area until all 6 pirate ships are destroyed.

Controlling the space ship takes a little getting used to, and some of the vertical passages can be difficult to get into as one tries to manovever the craft into exactly the right position. Still it's all part of the fun, and fortunately Chris has provided the space ship with plenty of shield points so that accidental collisions are not a passport to instant death. Joysticks can also be used for directional control, but not gun aiming.

I had no idea how many screens one has
to pass through to destroy all the
rate ships, and I'd hate to map this unless I had a spare wall to do it on. (Well it'd be more interesting than wallpaper!) Mapping should be quite possible as there are rarely more than 4 exits per screen, so you could stop and drau a map on each screen, or even print it out if you have a hot key dump. However even standing still takes up energy, so don't hang around too long. (nb we now have a map, it is in 2 sectians, one $16 \times 9$, the other $14 \times 8$, a total of 256 screens. To help potential mappers play starts in cell 4 on the top row, access to the bottom "half" is via a passage on the extreme right of the play area and the maze is euil.)

The graphics are not spectacular, the background being a shade of pink I thought I d seen the last of when I Tue up drinking, and the
.stallations and your space ship are rather small. But they do the job,
anything more complicated would have taken up memory and possibly slowed the game down. The screens flip rather than have continuous serolling which can lead to announance at being lead up a dead end or into a hornet's nest. But that's what these type of games are all about.

The caverns have a few surprises in store for you as you $f$ ly around: shooting barriers pop-up unexpectedly, but these can be blasted and there is a large open space, about $3 \times 3$ screens large, which contains some heavy-duty battle-stations. These are quite fearsome and because you've got so much room to move around in, getting the right angle to blast them can be difficult, especially as panic all too easily sets in when trying to control the space ship. What is worse, the missiles fired from these
battle-stations intercept your own missiles. If you can avoid these! You won't find any pirate ships flying around on your journey, they are all safely tucked up on their launch pads. one less thing to worry about.

This leads on to perhaps the only really awkward part of the game. To change direction you use the cursor keys, but the guns are controlled by the control and alt keys. But they're a touch too sensitive to be sure about the effects of pressing them, so you can waste precious time trying to get the angle of your gun correct. To minimise the damage done whilst you're floundering about trying to get this right, I d suggest a tactical withdrawal to a safe place to get the angle of firing correct before returning to the screen where the enemy is.

On other grumble: there is no save function, which means that you' ll need to set aside a hour or more for this one. I believe it was planned to have included this, plus a direction indicator, in an improved version of the game but Chris has, I beleive, not implemented this and the improved version will not be coming out. As the game is 100\% machine code I don't fancy anyone's chances of rewriting the game to include these features. However neither is essential and would only make the game easier !!!

Walue for money ? Rt $£ 12.50$ it was reasonable, considering how small the QL market is, although with its unsophisticated graphics, you'd probably pay less on other machines, but now that Chris has decided to quit publishing he has made Starburst public domain, so CGH can make it

## HA

HACY ADUENTURE－BY W．SDYBR
This is yet another aiventure which exists in the BUANTA library．It can be found on DISX＿日Z（cost E3）ar LIB＿27（cost fi）－the latier being a micraíive version．Althaugh the disk versian is mare expensive，it is the extra programs on the disk which cost the extra，anather twa micradrives are needed to the the same set of
programs．
The program is a massive graphical aduenture，taxing you on a mystery tour of nilarge undierground system of couerns as either a fighter，a wigarif， a Enight，a caveman，or a tourist．The iden appencsio be in race around， picking up ohjects，trying not torill the lititle dag which is canstantly at your heels 〈your only ally）and picking up ns much gald ns possible． The program is made mare difficult by the fact that the mage is anly revealed to you a lititle at a time calthough one of the scrollswill tell you where gold exists on that level）．

Unfortunately，this program will only run an a \＆with E4日，memary，sodig deep into your pockets and get those memary boncis stuck in to the sidie of the BL．（Mind you it is the only aduenture 50 far to need an expanded BL torun（asfaras I Know，anyway））． －It is over 290y of machine couie， which suggests that either the program is vast，or it is very bauly coũed，I suggest it is a combination of the twa．Another prablem is that the program will anly run from disk if you is5ue the command FLP＿USB mut
beforehand．I do not know why，but when used DP＇s BDITRR a aliter all occurences of＇miv＇to＇flp＇，the program would not run，giving a BRD PARAMBTBR Errar！

The program has been copied from a mainframe version of the program，anif has also appearedin different forms on the Commadares（although not 50 extensively in those cases）．This is quite obvious when you see the pragram， 5 ince it is a graphical afuenture，and yet does not make use of UDGs，using letters and other symbals to represent ohjects and animals．So if there is a buiding artist out therewith time to do the UDGs，then please feel welcame to go aheaf and atiter it， 50 long as you re－5ubmit the program to the BUANTA library．－Daminit，Id do it myself if only $I$ had the time，maybe over this summer．．．

Also the program has been set up for use in monitor mode，andit is
difficult on the instruction sereens to see some of the symbols on a humble TU screen，although you can see the whale of the playing area．Dan＇t peaple realise that same of us can＇t afford to spend f25日 on a Monitor just to play games on！！

Besides the pary graphics，the pragram is quite enjoynble，even if ofter every few maves yau have to ask for helptofind out what that＇$/$ up the cormer represents．I must warn you though，the help screens are many and contain a lot of commands which yau can issue－if you can remember them that is！

The game can be rather hectic，mainly due to the amount of creatures about the maze rather than the speed of the game，which is rather show considering it is in machine code．

Dverall $I$ think that the auventure is a pleasant way to spend an hour or twa even if ygu are just about to get to the last level when a tralleats you． It can be quite oudictive if you give it a chance，abthough I wouldn＇t recammend to anyone who likes ta sit back and thinR about problems in oduentures＜ulthough there are several very good problems littered about the mage）．

If somegne adifed same better graphics to the game，it could be a very good game indegd，although it might take some wark．Not among the best afuentures in the günta library，but is well warth a try．

Rich Mellar

## STARBURST

available at the ludicrously cheap price of $£ 1.00$ plus media，postage and packing．At that price everybody should buy a copy！What is more，Chris has sent me his copy of the map，which is a tad on the messy side so will need redrawing before it gets published．（Don＇t worry，it won＇t spoil the fun as we won＇t be marking the position of the pirate ships ！）

As for playability，well I＇m off to have another shot at it，even without a save function，which is rare for me ！＇Nuff said ？

Richard Rlexander

# The Heare of Cecon HINTS TOWARDS A SOLUTION 

Firstly $I$ must thank John Shaw for providing an almost complete solution to this adventure, which kept me on the right tracks as I attempted to solve Heart of Gern. I say almost as John, as I'm sure he von't mind me saying, left out many of the important commands. Still, so much the better as I vas forced to actually go through the whole thing myself.
Well the first thing to do with this adventure is to thoroughly read the accompanying cartoon strip as this has many very important clues. Take special note of the rhyme in the centre as it holds the most essential clues. Just to the left of it you'll
be given your password to the cave complex.
Right let's get stuak in. Having waited for the daun and called the requisite name you can enter the cave. As the rhyme tells you, here are guards who must not see, so close the doors behind you and don't reveal the sun disc yet. This will entail some touching of walls in this stage but eventually you'll be in a room where you can safely shine the sun disc, faced with a yawning chasm (must be its bedtime!). Here a grope around the walls will give you something to touch that will bridge that gap. Beyond here you face a bunch of statues who give you a choice of directions. Remember that there is only one true way, and that's the one to follow. The next problem is the stairs. These are rather odd and need testing and trying accordingly. Once safely at the bottom of the stairs you'll see a figure in the distance. huoid this and test the uall in the direction you've come from to reveal a secret passage way and follow this. The next section is a test of your faith, so remember there is no alternative, so don't attempt any y-turns on the parapet and simply keep on going, even if there doesn't seem to be anything beneath your feet! Eventualiy through a few doors and archoays, you'll arrive at a hall full of drumming skeletons. Refer to that rhyme again to give you the correct command to get past here.
Once past the dozen drummers drumming there are no maids a milking but rather a massive pair of stone doors. Here you'll need the help of one or two gods, so repeat what you said to get into the caves and read the inscription. You should then be able to work out who else to call, (I must confess needed John's notes to get past this one.) If you can't work it
out drop me a line or phone and tell you who to call.
Beyond the doors are some statues and you'll need to solve the riddle to get the right sword, so have a look at them all after looking at Barsh's. If in doubt keep trying every sword until you safely get past the metal doors. Mind you, you'1l need to be certain of the floor beyond those doors but have faith.
Here you'll come to the wolf statue and a little gentle testing will reveal a very handsome casket, containing the Heart of Gern. Close up the box lest prying eyes see you or you fall, and test the surrounding walls until you find a way out. And once you're out you should find yous old friend Basak waiting for you and a plug for the Fate of the oracle. I hope I haven't spoilt the fun for anyone who has yet to compleit ihis adventure. It certainly has some nasty surprises for the unvary and you'll of ten be stumped whilst playing it, even with these notes. Can't wait for their next adventure.
Richard.


## HINTS

1．Ga to meals regularly－It helps to Reppeveryone happy．
2．THE PDLLDUING ARE WHAT THE CHRRCTBRS HRUB TD SAY ABDUT BACH DTHER

Squ－In interior decoration．
Luc－In jewels．According to Bua， he is＇interesting，hard to
undersinnd，hut is worth the detour． －HE MAY GIUE YDU SDAE LEADS IF SPDIEN TD IN PRIURTB．
Jubia－Died of embolism of the lungs． Died sudidenly 05 her healith was improving．
Lev－解nages Julia＇s estate．
Ida－Sews，rends．
Pat－Acorrupted ga－getter．A
manager of a perfume Co．
3．A letter 《íated $15 / 2 / 51$ ）accuses Pat of having heen forging the nccounts．
4．The back of an envelape reveals the following figures：
9／12 Interest 51B Pr
13／12 Expenses
19／12 Sale 128 Pr
17／12 Cheque

## 1721 Fr

$1721 \mathrm{Pr}_{\mathrm{I}}$
5．Anather letter（dated 1日／2／51） revenls that Pat owes Guy 5日，日月 Prs． E．Yet another letter 《diated 5／1／51》 5ays the fallowing：
Prom Bun to Luc：
Guy knows about us．I have told him everything．Max Reeps pestering me， but i nofinished with him．He wants to be alone together with you．Por you I would get a divorce．
7．Note the dates－Julia＇s letier was sent 15／2／51．
B．A parchment in the iesk drawer in the bureau cantains the following

## me5sage－

＂Like a deep stony stare，a solitary eye that points towards the stars；the artery that links heaven and hell．You wust fathon these depths，keeping hold of that which is，and will become， Monday，Tuesiay，Wednesday，Sunday from monduy $15 t$ to Sundiay $15 t$ ， plunging from one day tothe next， your＇is＇or＇will became＇．Carrying your burden with love and light，the smallest duersight will seal your fate．＂
－This is obviqusly about the well． believe you needi to go down the well at night time，holding onto your rope and with a light in your hand ，eles you will drown．The diays themselves may suggest that you cannot descend during the first week，but I am unsure about ithis at the moment，since I haven＇t got a copy at the moment． There will be a secret passage down the well 1 believe，which will lead
you to some new locations．
S．You cannat stay outside the house
after 11 pm unless you are carrying one of the many sets of Keys which lie about the hause．
1B．The attic of the house contains
many useful ohjects which you can
explore normaliy without anyone
sưưanly appearing．
11．The folitowing rooms contain the
following fthere may be more in them
which I haven＇t yet found）：
BRTHRODA ：Shaving Brush，Clathes
Brush
XITCHEN：Ammunition 《is it max＇s？？），
Tennis Ball，Pipe，Cut－thrant Ragor， Tin of Paint，Pistol，Sleeping Pills， Romantic Novel（max＇s again？！）
DINING RDOM ：Playing Caris ，Gun， Hairbrush，Candile，Jewelry Bax（empty） ATIIC：Rope，Reel of Thread，Flute， Binoculars，f̂ Curious Diagonal Hole （in the top of the chest of firawers）， a Retart，Waden Rod，Necklace，Bible， Purse，Did Badk，Pack of Cards
bUREAU ：Medicine，Pen，Parchment，
Paintbrush，Ramantic Navel，Keys，Dld
Book，Expensive Ring
BDB＇S RDOM：Suitense，Dagger－
WRRNING HB TENDS TD CÓme IN WHILE YロU ARB THERE
PAT＇S RDDA ：Envelope，Dossier，Keys，
Expensive Ring，Engraved Gablet
BUA＇5 RDDA：Bxpensive Ring，Pen，Dld
Book，Rope，Golid Ring，Purse，Gin55es，
Cont of Armour，Dagger，Wallet，
Lighter，Keys
12．La口K closely at the shield，I $n m$ sure it contains a hint to the eventual conclusion of the aiventure． 13．ABDUB RLL BE DISCRBBT．
14．Below is a full list of all the words understadi by the adventure－ nttach，bypass，close，climb， descend，ent，enter，exit，force，go， hide，insert，Knack，loak，list， listen，lift，open，place，play，put， reaú，scrateh，search， 5 mell ，sieep， soundi，take，talk，touch，turn，wait

Rich Mellor

Please nate that $I$ had toreformat the amounts given on the envvelape as Page Designer 2 dioesn＇t like having tabmarkers in its text，so the layaut on the envelope may well be different．I also notice that somenne can＇t afd up．Whether I＇ve inaduert－ antly intraducedian errar in retuping the text，or gich made an errar in his Geying or，perhaps most likely，the errar is deliberate andi contains a subtle clue，I don＇t Know！
Richard 《editar and typist〉

# THE DOUBLE 

by Peter lues
price $f 4.0 \theta+m d u, v a t, p \& p$ from
Microdrive Exchange.
THERE is a story, famous among sports journalists, that tells of the non-League football manager who became so fed up with being criticised by the sports editor of his local paper that he resigned - and told the scribe that if he thought he could do better, then he'd better get on with it.
There should, of course, be a happy ending to the story but the sad fact is that our hero went down like a lead balloon, proving that anyone can talk a good game but actually doing the business is a different matter -al together.
ell, move over Cloughie, here comes the latest addition to the ranks of football managers... McGarvey! Thanks to months of labour (a labour of love, I'm sure) but Peter Ives, you too can be a soccer manager. Whether you are a success is entirely up to you, since this extensive simulation ( or is it an adventure) requires you to buy and sell players, pick the team and eventually win the Football League (sorry, Barclay's League) championship AND the FA Cup. Easy, isn't it! No!
The mechanics of The Double are simple enough. Guided by prompts from the screen you select which of 96 League clubs you wish to be (I'm Ipswich Town, since you ask) and are allotted a squad of players who range from teenagers to mid-30s with varying degrees of skill in goal, defence, idfield or attack (strikers to anyone sorn since 1960 ).
You then get the choice of getting a loan, selling players, or carrying on. If you carry on the screen shows the first match of your campaign in the Fourth Division. You can be Liverpoal if you like, but you still start off in the four th.
The screen shows your opponents and their strengths against yours. Rt this point you can re-arrange your team - a worthuhile excercise for it is unlikely that you have got 11 players on the pitch. (?) Having selected your team, you are invited to play the first match and the cursor bleeps on your score or your opponents',
depending on the strength of your midfield. When your score is
"bleeping' the computer compares your attack with their defence and if
you're good enough your team will score.
If you are down at half time you can have a team talk, but beware. You have
only 8 team talks auailable for the whole season of 46 matches plus cup games. I found it was important to win early matches so tended to use the talks up fairly quickly. The more you win, the higher your team's morale and so the fewer team talks you need although I found it useful to keep one or two talks for cup matches.
At the end of the match your gate receipts are displayed, along with running costs and players wages, and your profit - or loss for the week. Then comes what I consider to be the piece de resistance of the programme results in all four divisions and corresponding league tables. R masterpiece. Just that part of the programme is alone wor th the money. You are also given the chance to buy players as and when they are made available by other clubs. How much they cost will depend on their age and skill level. 1 is low, 20 is high. But once you have 'agreed terms' with the selling club you have to strike a wage deal with the player. If your valuation of his services is too low he will demand more each time you make an offer, unless you get close to his demands. But what he says he wants isn't always what he will actually settle for.
The Double is addictive for soccer fans and indeed for anyone who has ever wondered where the fascination lies in 22 people kicking a ball around. I have played The Double as Ipswich Town for four seasans and we have just been promoted - as champions, naturally - to division Two.
Unfortunately, nothing in this world is perfect and The Double is no exception. Therre are annoying bugs in the programme, but thanks to the ease of access into the listings they are not too difficult to put right. However, I am of the old school who believe that if you are charging people money for a product, ther that product should do what it is made to do. Mr Ives and Microdrive Exchange take note.
My main complaint is that the "save" routine is an absolute bitch. Having just been promoted to Division Two, I tried to save the game - and lost the lot.
You follow the screen prompts by pressing F4 to clear previously loaded data and then press SPACE to save the latest stuff. Unfortunately, when you press 7 and then ENTER on the main menu, the programme will interpret anything but the lightest touch on ENTER as strike on the spacebar and
(CONTINUED ON NEXT PAGE..)

# THE DOUBLE <br> CONT INUED... 

tries to save. You then get a message that it already exists. I found out too late that you can put a new cartridge in mdul and type in RETRY. I have since found it best to use two cartridges at this stage, alternating between them to save a lot of heartache.
However, I am loathe to restart the whole game so my "Double" is due for a long rest. Needless to say 1 have found this particular 'bug' most annoying.
Having said that, The Double is a great deal of fun and is definitely addictive. So if Mr Ives can sort out the bugs, he may sell a few more. FOOTNOTE...The Double differs from real life in one respect... so far this manager has found it impossible to get the sack!

SHANE McGRRUEY, for QLfF at the Big Match. Now back to the studio...

Thank you Shane for that fine review, I must congratulate you on your patience as I simply got fed up with the time it took to calculate the divisional scores and positions.
Rlso I found actually understanding what was going on at times a little difficult but having said that, and bearing in wind the wee buggettes, the game is definitely "ualue for money".


NEXT
ISSUE
WELL I HOPE YOU'UE ENJOYED THIS FIRST EDITION OF QL ADUENTURERS FORUM. JUST a FEW WORDS TO GIUE YOU AN INDICATION OF WHAT MIGHT BE IN STORE FOR YOU IN the next exciting (it shys here) EDITION.

RLRERDY RECEIUED IS A REUIEW BY BILLBORRD BRGGINS OF DIGITRL PRECISION'S IDIS DISASSEMBLER, U2.0日. BILLBORRD'S WRITING LOOKED FAMILIAR BUT QUITE WHO BILLBORRD IS IN RERL LIFE, I DON'T KNOW.

THERE WILL BE THE SECOND PART OF THE MAPS FOR ZKUL BY MALCOLM SMITH, THERE IS A TOTAL OF 10 PAGES OF THESE SO IT LOOKS LIKE A THREE PARTER MINI-SERIES (THE SUSPENSE IS KILLING ME - STILL AT LEAST JOAN COLLINS ISN'T IN IT !).

THERE WILL BE SOME HINTS FOR DRRGONHOLD, I NERRLY PUT THEM IN THIS ISSUL BUT PREFER NOT TO PRINT HINTS UNTIL RFTER YOU'UE HAD TIME TO RERD REUIEWS AND HAD A GO RT THEM.

THERE WILL BE YOUR LETTERS, SO SEND THEM IN. DO MRRK ANY CONFIDENTIAL BITS, SO THRT I DON'T PRINT THEM.

GS FOR THE REUIEWS RND HINTS.
WELL, NEMESIS, QUEST FOR THE DRAGONSWORD, WEST, RLL THE QL WARGRMES, LOADS OF SIMULATIONS, FUNFEAR, THE PRAUN, IMAGINE, TO NAME BUT A FEW, RRE STILL RWRITING SOLUTIONS STHOUGH I have to confess I have steve's HINTS FOR IMAGINE, BUT EEING EUSY I HRUEN'T HAD TIME TO COMPLETE THE GRME.)

SO THERE'S PLENTY OF SCOPE FOR YOUR REUIEWS RND HINTS/CLUES, MOANS, BUGS RND ANYTHING ELSE YOU WANT TO SFY RBOUT QL ADUENTURES, STRATEGY, WARGRMES RND SIMULRTIONS.

COPY IS RCCEPTRELE, EITHER ON MDU, 5.25" DISK, TYPED OR HANDURITTEN ÓR IF YOU'RE FEELING ROUENTUROUS, WHY NOT TRY LAYING OUT A PRGE USING PAGE DESIGNER (IT'S UERY EASY TO GET THE HANG OF) OR FRONT PAGE EXTRR3 WHICH I WOULD HAUE USED BUT PETER CHAMBERS IS A BIT SLOW IN SUPPYING OR YOUR OWN HOME GROWN LRYOUT KIT.

TONY WELLS HRS JUST SENT ME A COPY OF THE PROGS IN THE QL RDUENTURES BOOK AND, COFYRIGHT HOLDERS PERMITTING, WE SHRLL BE MAKING THESE RUAILABLE AS PUBLIC DOMAIN (IF ANYONE KNOWS WHERE TO GET HOLD OF TONY BRIDGE OR RICHARD WILLIAMS). ONCE THEY'RE TRANSFERED FROM 3.5" DISK TO MDU I LL BE ABLE TP LET YOU KNOW HOW GOOD THEY RRE. TONY WELLS HRS RLSO FIXED R FEW BUGS IN THE PROGS SO THRT THEY WORK!!!
SEE YOU SOON, RICHRRD


The Maps PART 1

Cartographic Notes by M Smith
with Assistance from $T$ Spencer.
July 1985 .


- Leaping int. the Rive at the bridge sweeps yod up ats te sting beach.
- Jumping into the river at He beach sweeps yous to your death at te rapids!
- "Tobey" works for wilting Eliomirs hut!
- To get wot from the complex all goo have to dis to
dig twice in the "Tooter" 100 m . The yecoddy operation dig aught to ceilij. Need less toss, re shovel is required.

A void on Duarves:
Duarves are mostly harness. If handled in the correct manner Hey can be veryceneficial. When meetups a dwarf always give He dwarf something - any Hing except the armow as the dwarf will take it away. The dwarf will then have (eft some food. "Nibble" the food to see if it is pisered or not....
Duorves will always appear Sefare you die of hunger, so make sue that you don't fail to "Give dwarf article", usually the axe of the matches will be adequate.
Doit ourty worry bout their appeonces, and never set into combat in the their' lair wiltout eating t drink ing wholesome food first!


The shovel is required to dis twice in $\mathrm{M}_{\mathrm{K}}$ "to robe "nom and once to find Hic own rear too He paraffin!

To get beyond the lo cher dow rHe explorers will hove to so up and downs the cham to release He lock from the north side. There is no point in keeping to key.
D. not do any ting w. Ht He tool...


The rope maye in te leff has
ere of te skul. Tojet to it: the
coseat is required to coss te leage. Do not trake the taparty wittyou! f the rope + the
bracetet can be fom ebredres, tien
doit botter witt te ege!


[^0]:    Richard $A$ lexander

[^1]:    IMRGIN was continuously developed and improved in the light of various criticisms I received about it. These comments were absolutely essential to the development of the game, if you choose to discount everything I say as rubbish then fine, but that is one point I would aluays recommend always get comments from as many people as you can about any game you urite, it is a rare person who can write a really good game without such help, even if it's only at the

[^2]:    IF YロU＇D LIKE YロபR LETTER PUBLISHED IN QL ADWENTURERS＇ FロRUM，PLEASE SEMD IT IM－ TELEPATH＇HASM＇T REACHED PENCADER YET ！

